1. 29,20,46

Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2003 10688135 **CLAIMS AS FILED - PART I OTHER THAN** SMALL ENTITY **SMALL ENTITY** TYPE [(Column 2) OR (Column 1) TOTAL CLAIMS FEE FEE RATE RATE 51 BASIC FEE 770.00 BASIC FEE 385.00 OR NUMBER EXTRA NUMBER FILED **FOR** X\$ 9= X\$18=TOTAL CHARGEABLE CLAIMS Z. minus 20= OR minus 3 = X43= X86= INDEPENDENT CLAIMS OR MULTIPLE DEPENDENT CLAIM PRESENT +290= +145= OR * If the difference in column 1 is less than zero, enter "0" in column 2 OR TOTAL TOTAL OTHER THAN **CLAIMS AS AMENDED - PART II** SMALL ENTITY OR SMALL ENTITY (Column 2) (Column 3) (Column 1) ADDI-HIGHEST ADDI-CLAIMS PRESENT NUMBER REMAINING RATE TIONAL TIONAL RATE **PREVIOUSLY EXTRA** AFTER FEE FEE PAID FOR **AMENDMENT** AMENDM X\$18= X\$ 9= Minus OR Total Minus X86= Independent X43= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +290= +145= OR TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 3) (Column 2) (Column 1) HIGHEST ADDI-CLAIMS ADDI-NUMBER PRESENT REMAINING 8 TIONAL TIONAL RATE RATE **PREVIOUSLY EXTRA AFTER** AMENDMENT **FEE** FEE PAID FOR AMENDMENT X\$18= X\$ 9= Minus OR **Total** Minus ---Independent X86≥ X43= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +290= +145= OR TOTAL OR ADDIT, FEE ADDIT. FEE (Column 2) (Column 3) (Column 1) HIGHEST ADDI-CLAIMS ADDI-PRESENT NUMBER REMAINING O RATE TIONAL TIONAL RATE **PREVIOUSLY EXTRA** AFTER ENDMENT FEE FEE PAID FOR **AMENDMENT** X\$18= Minus X\$ 9= **Total** ** OR Minus *** Independent X86= X43= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +290= +145= OR If the entry in column 1 is less than the entry in column 2, write "0" in column 3. TOTAL TOTAL OR ADDIT. FEE ADDIT, FEE

^{**} If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

^{***}If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.